

Figure 1 shows a beam element with nodes 1 and 2. The beam is divided into four segments with lengths 5976, 6559, 7798, and 9620. The nodal values at nodes 1 and 2 are -12014 and +33, respectively. The values at the segment boundaries are -6038, -5155, -3387, and -2394. The beam is shown with a cross-section and a coordinate system.

FIGURE 1

HKLK2.LA0	(6998)	AA-CTGAGCCTTGATTATTTG-GAGCTTGGTTGCCA-CAG-ACATGTCCGA :: :: : : : : : : : : : : : : : :
PSE	(509)	AATCT-AG-C-TGA-TATAGTGTG-GCTCAAAACCTTCAGCACAAATC-A
HKLK2.LA0	(7044)	CCACCTTCATGGCTGAACTTTTAGTACTTAGCCCCTCCAGACGTCTACAGC :::: : : : : : : : : : : : : : :
PSE	(553)	-CACCGTTA-GACT--A-TCTGGT--GT-G--GC-CCAAAC--CTTCAGG
HKLK2.LA0	(7094)	TGATAGGCTGTAACCCAACAT-TGTCACCATAAATCACATTGTTAGACTA ::: : : : : : : : : : : : : : :
PSE	(590)	TGA-ACAAAGGGACTCTA-ATCTGGCAGGAT-ATTC-CA----AAG-C-A
HKLK2.LA0	(7143)	TCCAGTG-TGGCC-CAAGCTCCCGTGTAACACAGGGCACTCTAACAG-- : : : : : : : : : : : : : : :
PSE	(630)	T-TAGAGATGACCTCTTGC-AAAG-AAAAAGAAATGGAAAAGAAAAAGAA
HKLK2.LA0	(7189)	-G-CAGGATATTTCAAAGCTT-AGAGATGACCTCCAGGAGCTGAATGC : : : : : : : : : : : : : : :
PSE	(677)	AGAAAGGAAAAAAAAAAAAAAAAAAGAGATGACCTCTCAGGCTCTGAGGGG
HKLK2.LA0	(7236)	AAA-GACCTGGCCTCTTTGGGCAAGGAGAATCCTTTACCGCACACTCTCC ::: : : : : : : : : : : : : : :
PSE	(727)	AAACG-CCTGAGGTCTTTGAGCAAGGTCAGTCCTCTGTTGCACAGTCTCC
HKLK2.LA0	(7285)	TTCACAGGGTTATTGTGAGGATCAAATGTGGTCATGTGTGTGAGACACCA : : : : : : : : : : : : : : :
PSE	(776)	CTCACAGGGTCATTGTGACGATCAAATGTGGTCACGTGTATGAGGCACCA : -- : : -
HKLK2.LA0	(7335)	GCACATGTCTGGCTGTGGAGAGTGACTIONCTA--TGTGTGCTAACATTGCT : : : : : : : : : : : : : : :
PSE	(826)	GCACATGCCTGGCTCTGGGGAGTGCCGTGTAAGTGTATGCTTGCAGTGTCT :: : : : : : : : : : : : : :
HKLK2.LA0	(7383)	GAGTGCTAAGAAAGTATTAGGCATGGCT-TTCAGCACTCACAGATGCTCA : : : : : : : : : : : : : : :
PSE	(876)	GAATGCTTGGGATGTGTGTCAGGGAT-TATCTTCAGCACTTACAGATGCTCA : : : : : : : : : : : : : :

FIGURE 2A

HKLK2.LA0	( 7432)	TCTAATCCTCACAACATGGCTACAGGG-TGGGCACTACTAGCCTCATTG
PSE	( 925)	TCTCATCCTCACAGCATCACTA-TGGGATGGGTATTACTGGCCTCATTG
HKLK2.LA0	( 7481)	ACAGAGGAAAG-GACTGTGGATAAGAAGGGGGTGACCAATAGGTCAGAGT
PSE	( 974)	ATGGA-GAAAGTGGCTGTGGCTCAGAAAGGGGGGACCACTAGACCAGGGA
HKLK2.LA0	( 7530)	CATTCTGGATGCAAGGGG-CTCCAGAGGACCATGATTAGACATTGTCTGC
PSE	( 1023)	CACTCTGGATGC-TGGGGACTCCAGA-GACCATGACCACTACCAACTGC
HKLK2.LA0	( 7579)	AGAGAAATT----ATGG-CTGGATGTCTCTGCCCCGAAAGGG-GGA--T
PSE	( 1071)	AGAGAAATTAATTGTGGCCT-GATGTCCCTGTCTTGAGAGGGTGGAGGT
HKLK2.LA0	( 7621)	GCACTTTCCTTGACCCCTATCTCAGATCTTGACTTTGAG-GTTATCTCA
PSE	( 1120)	GGACCTTCACTAACCTCCTACCT-TGACCCTCTCTTTTAGGGCTCTTTCT
HKLK2.LA0	( 7670)	GACTTCCTCTATGATACCAGGAGCCCATCATAATCTCTCTGTGTCTCTCTC
PSE	( 1169)	GACCTCCACCATGGTACTAGGA-CCC--CATTGTAT-TCTGT-ACC-CT-
HKLK2.LA0	( 7720)	CCCTTCCTCAGTCTTACTG-CCCACTCTTCCCAGCTCCATCTCCAGCTGG
PSE	( 1212)	--C-T--TGA CTC-TA-TGACCCCCACTGCCCA-CTGCA--TCCAGCT--
HKLK2.LA0	( 7769)	CCAGGTGTAGCCACAGTACCTAACTCT-TTGCAGAGAACTATAAATGTGT
PSE	( 1250)	---GG-GT--CC-C-CT-CCTATCTCTATT-CCCAG--CTGGCCA-GTGC
HKLK2.LA0	( 7818)	A-TCCTACAGGGGAGAAAAAAA-AAAAG-AACTCTGAAAGAGCTGACATT
PSE	( 1287)	AGT-CT-CAGTGCCACCTGTTTGTGAGTAAGTCTGAAGGGGCTGACATT
HKLK2.LA0	( 7865)	TTACCGACTTGCAAACACATAAGCTAACCTGCCAG--TTTTGT---GCT
PSE	( 1335)	TTACTGACTTGCAAACAAATAAGCTAACTTTCCAGAGTTTTGTGAATGCT
HKLK2.LA0	( 7909)	GGTAGAACT-CATGAGACTCCTGGGTCAGAGGCCAAAAGATTTTATTACCC
PSE	( 1385)	GGCAG-AGTCCATGAGACTCCTGAGTCAGAGGCCAAAGGCTTTTACTGCTC

FIGURE 2B





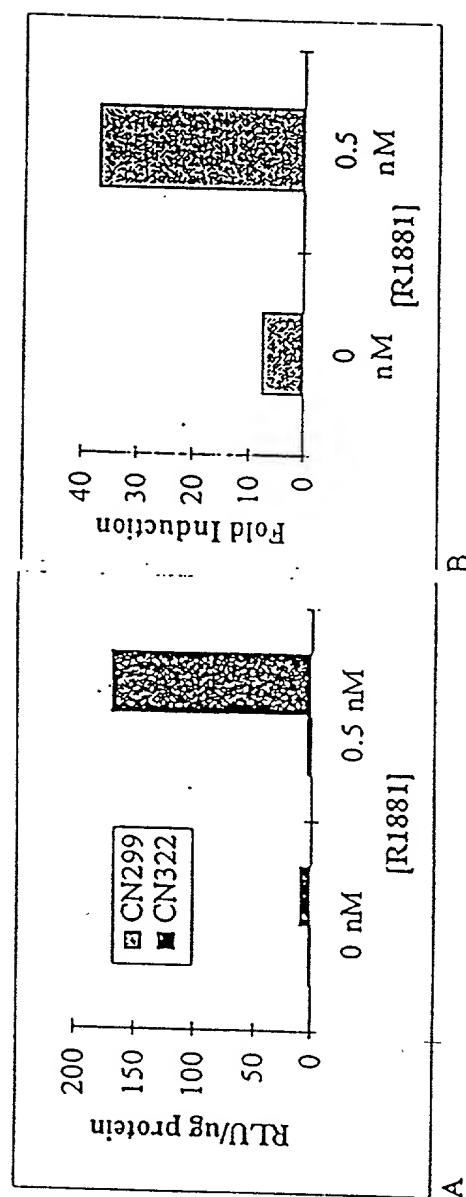


FIGURE 3

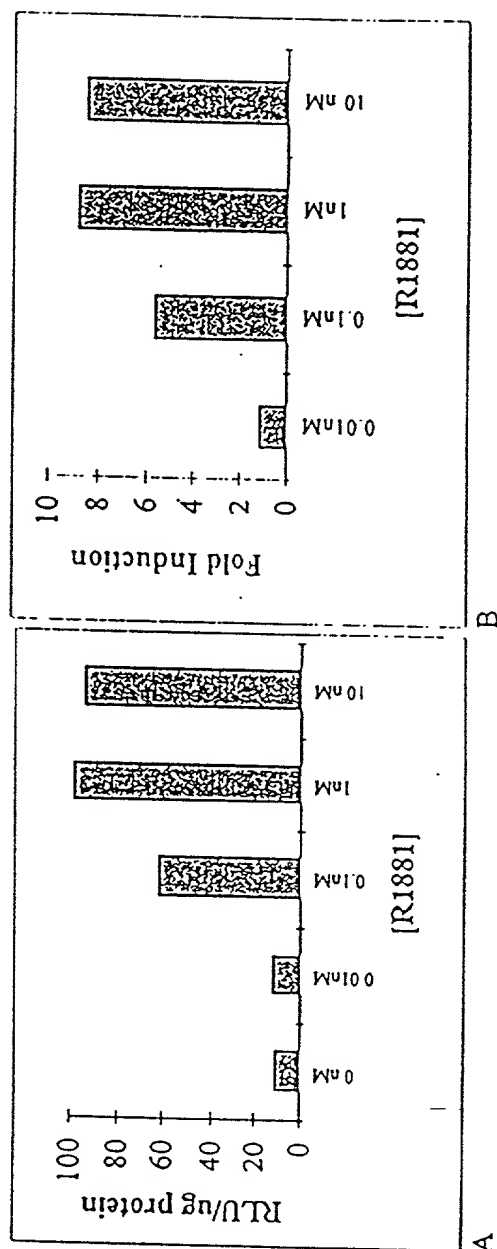


FIGURE 4

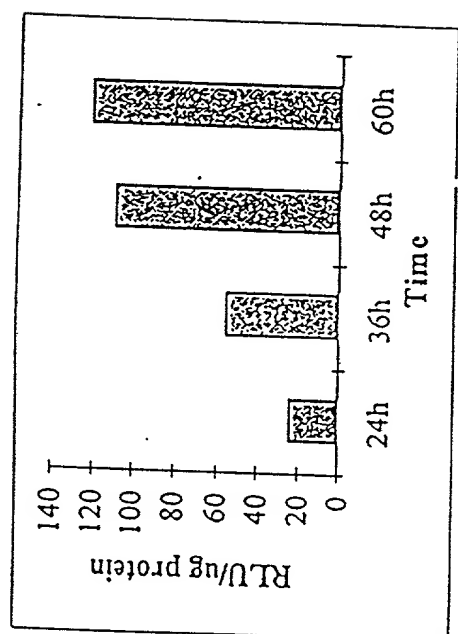


FIGURE 5



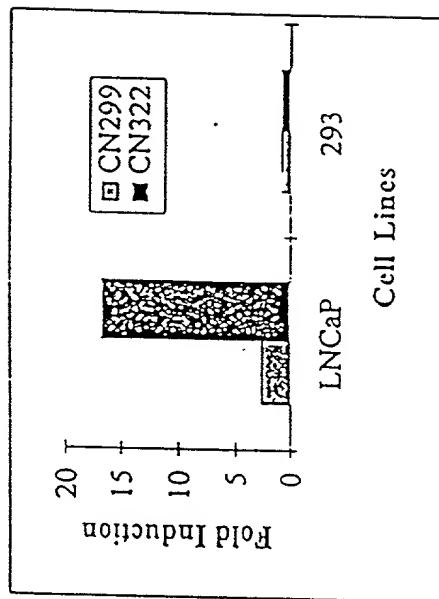


FIGURE 6

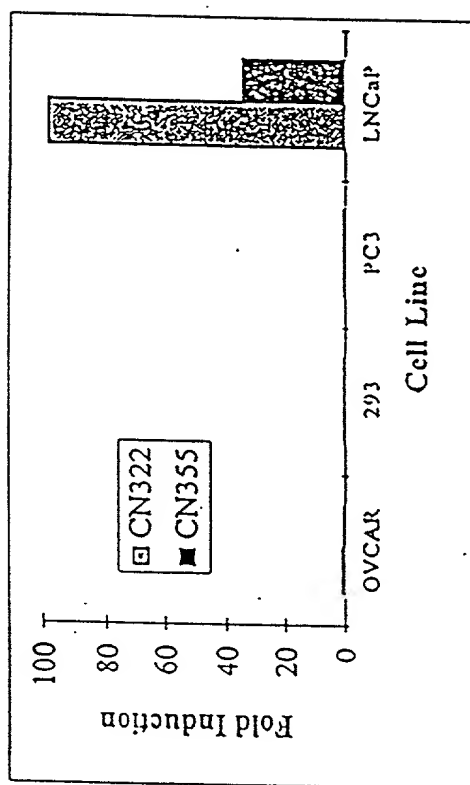
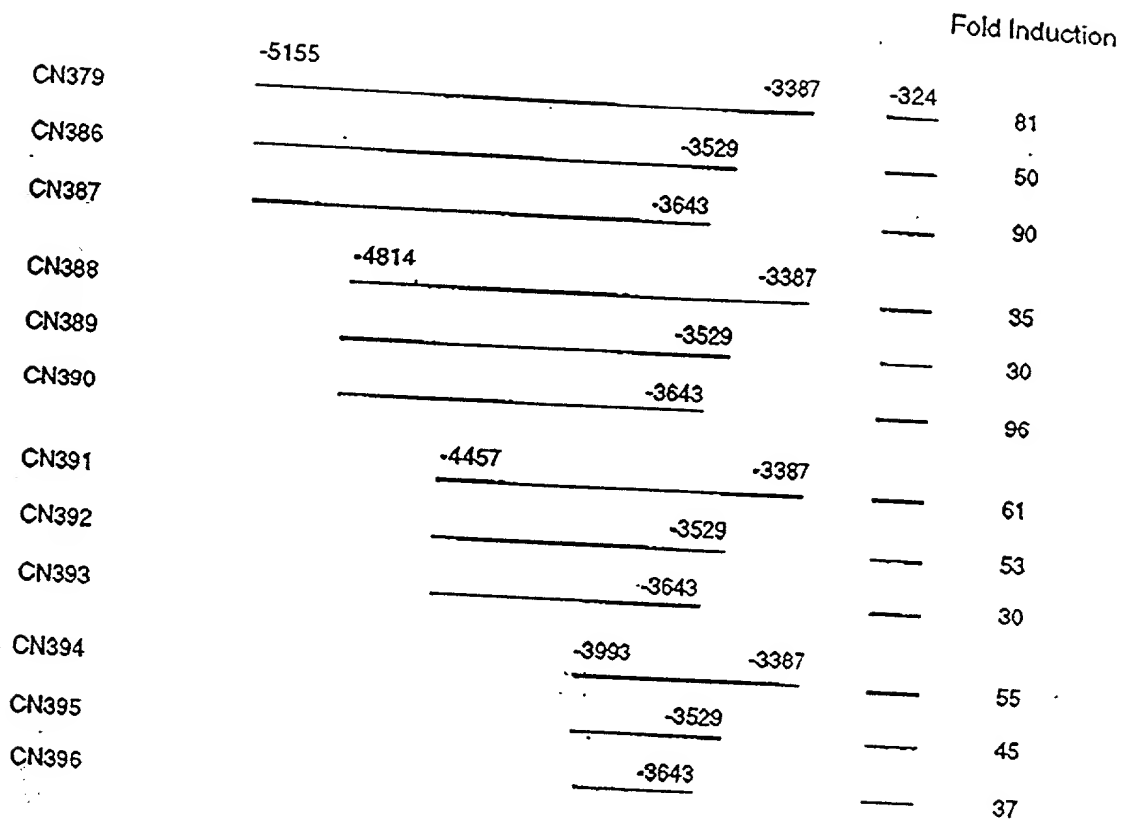


FIGURE 7



**FIGURE 8**

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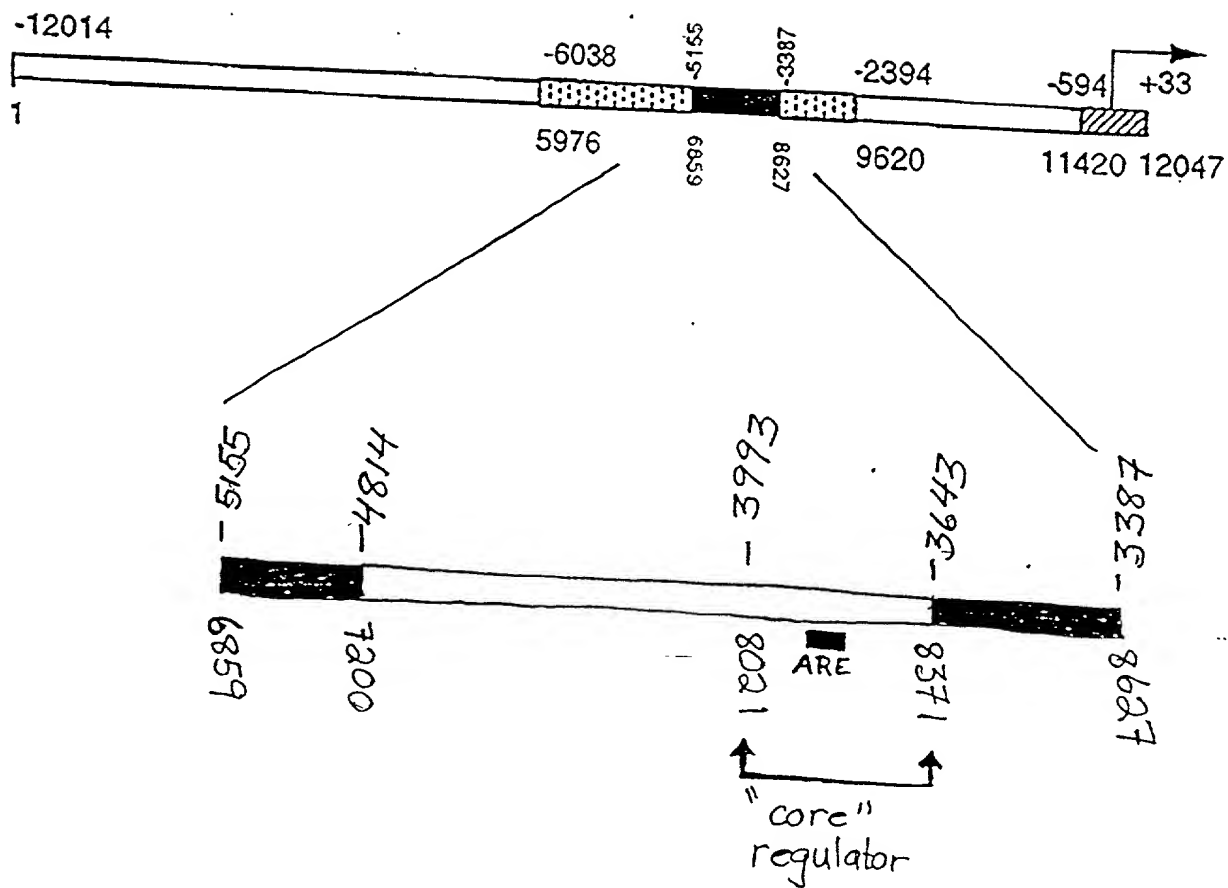
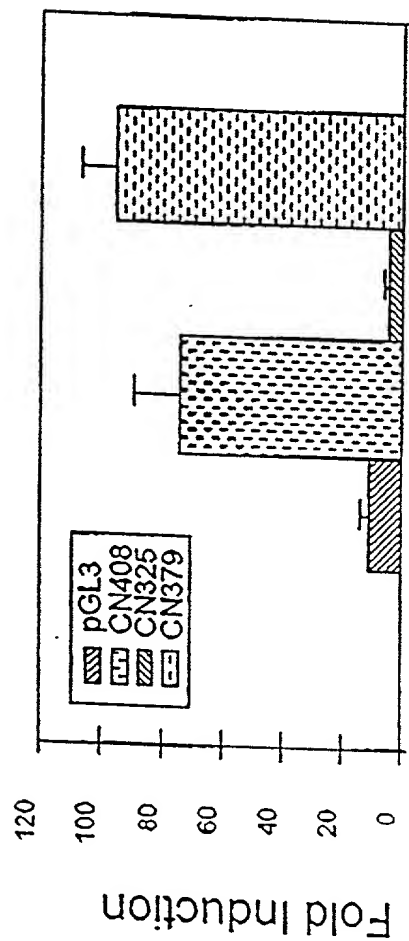


FIGURE 9

A



B

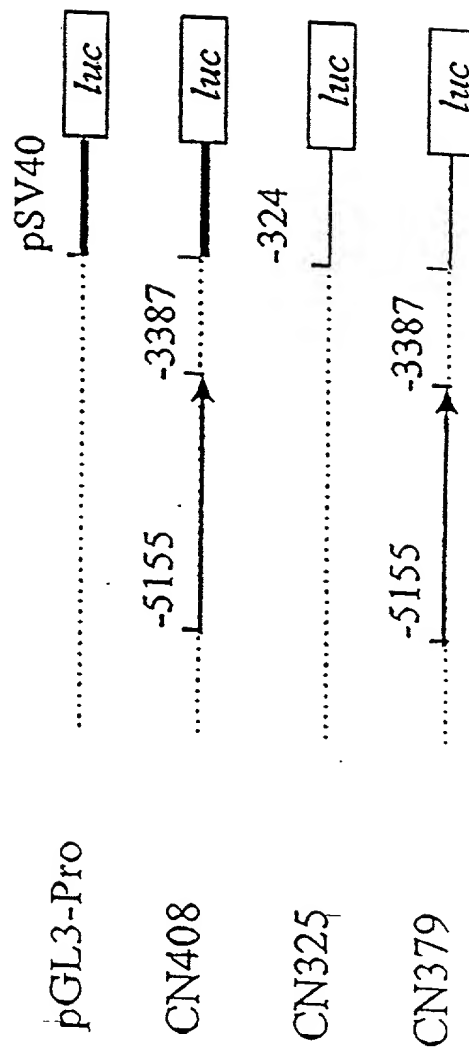
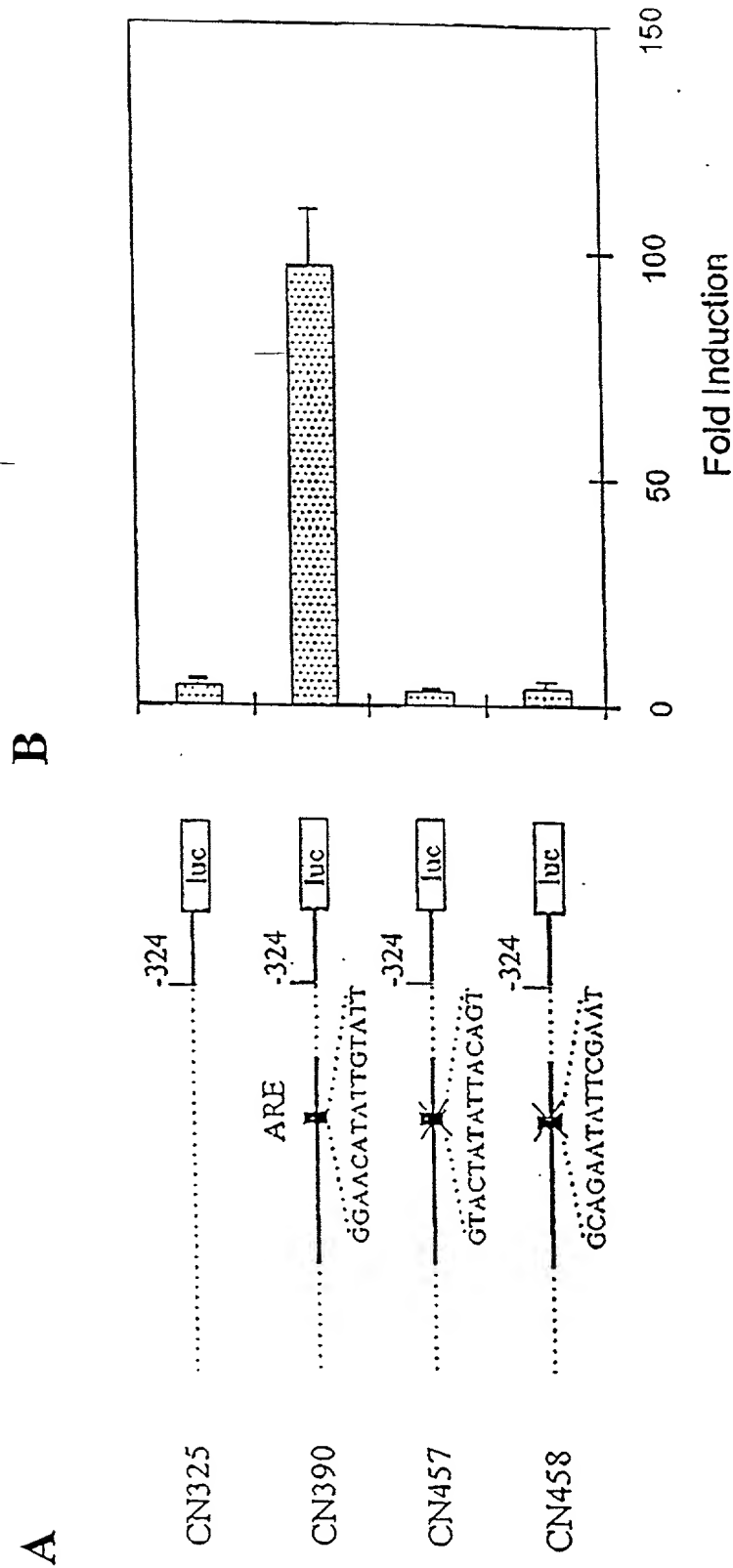


FIGURE 10



**FIGURE 11**

Fold Induction

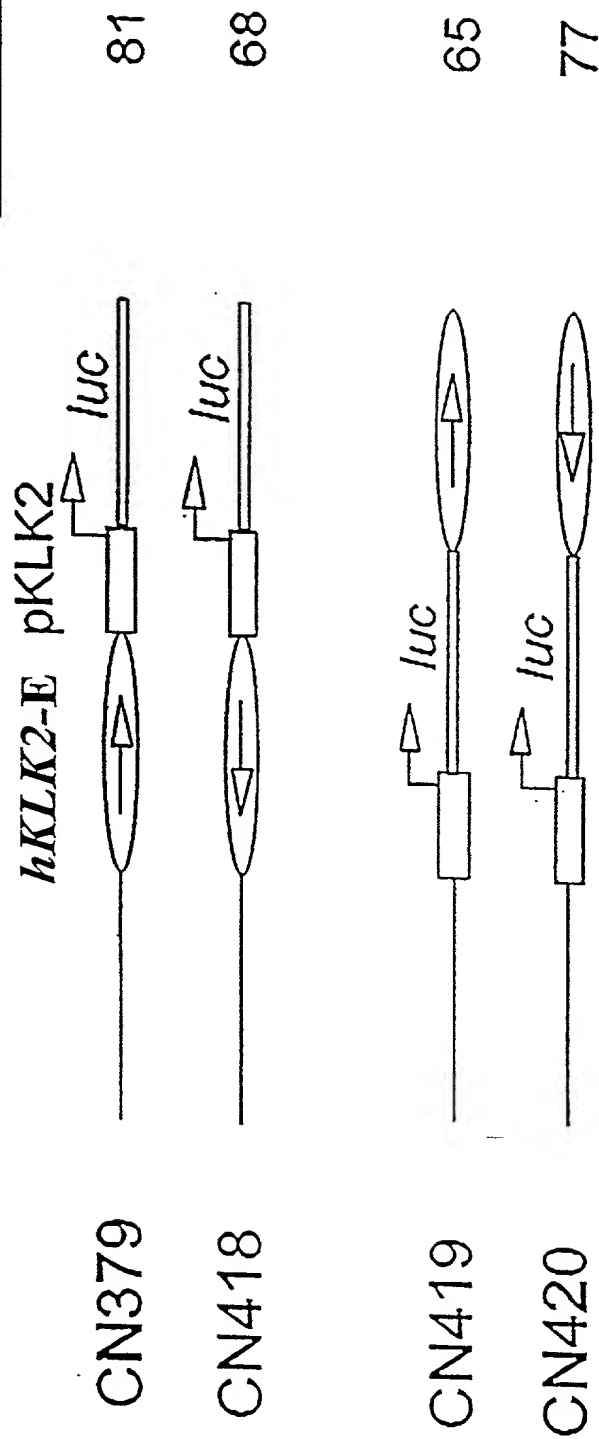
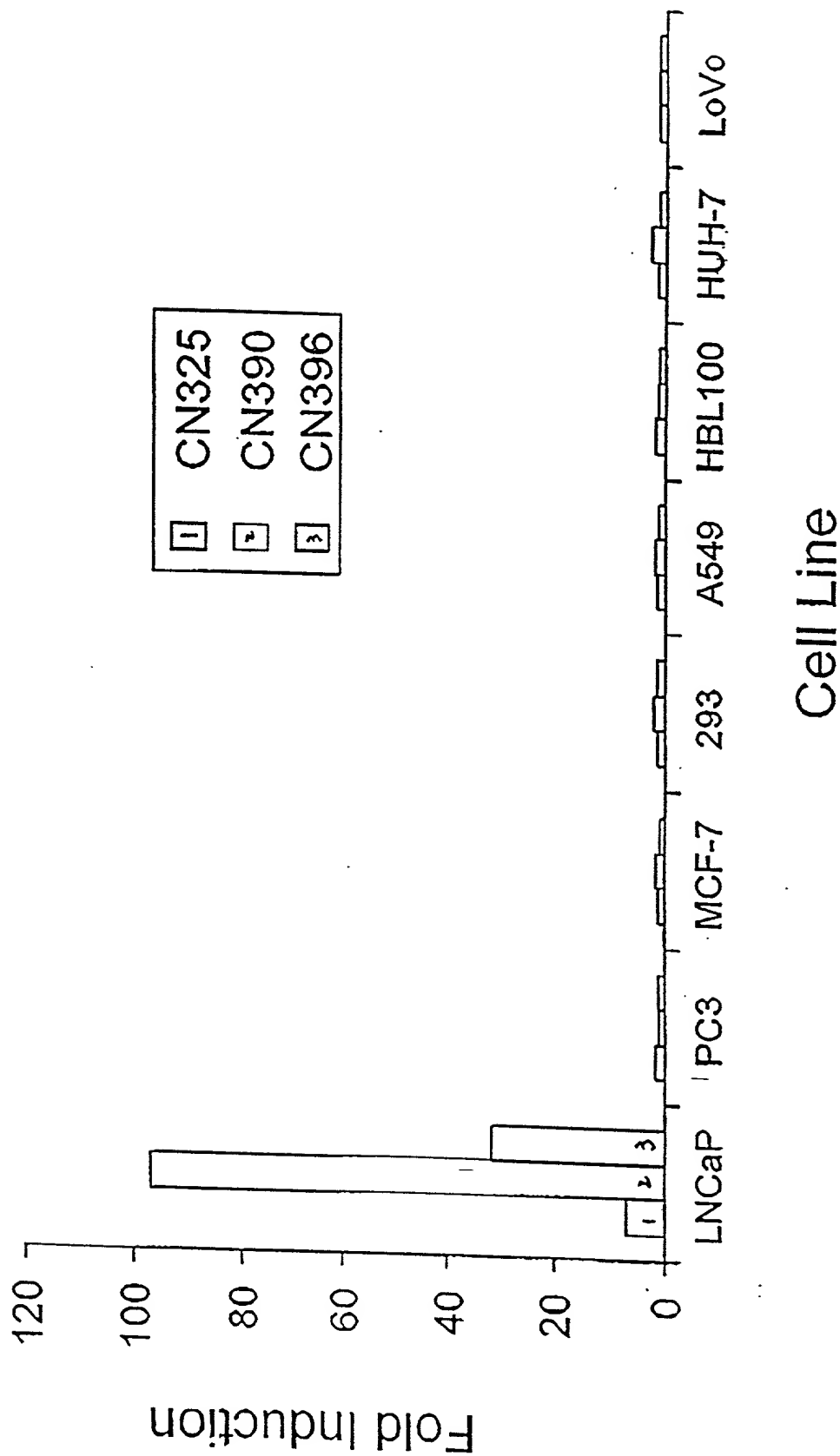


FIGURE 12



**FIGURE 13**



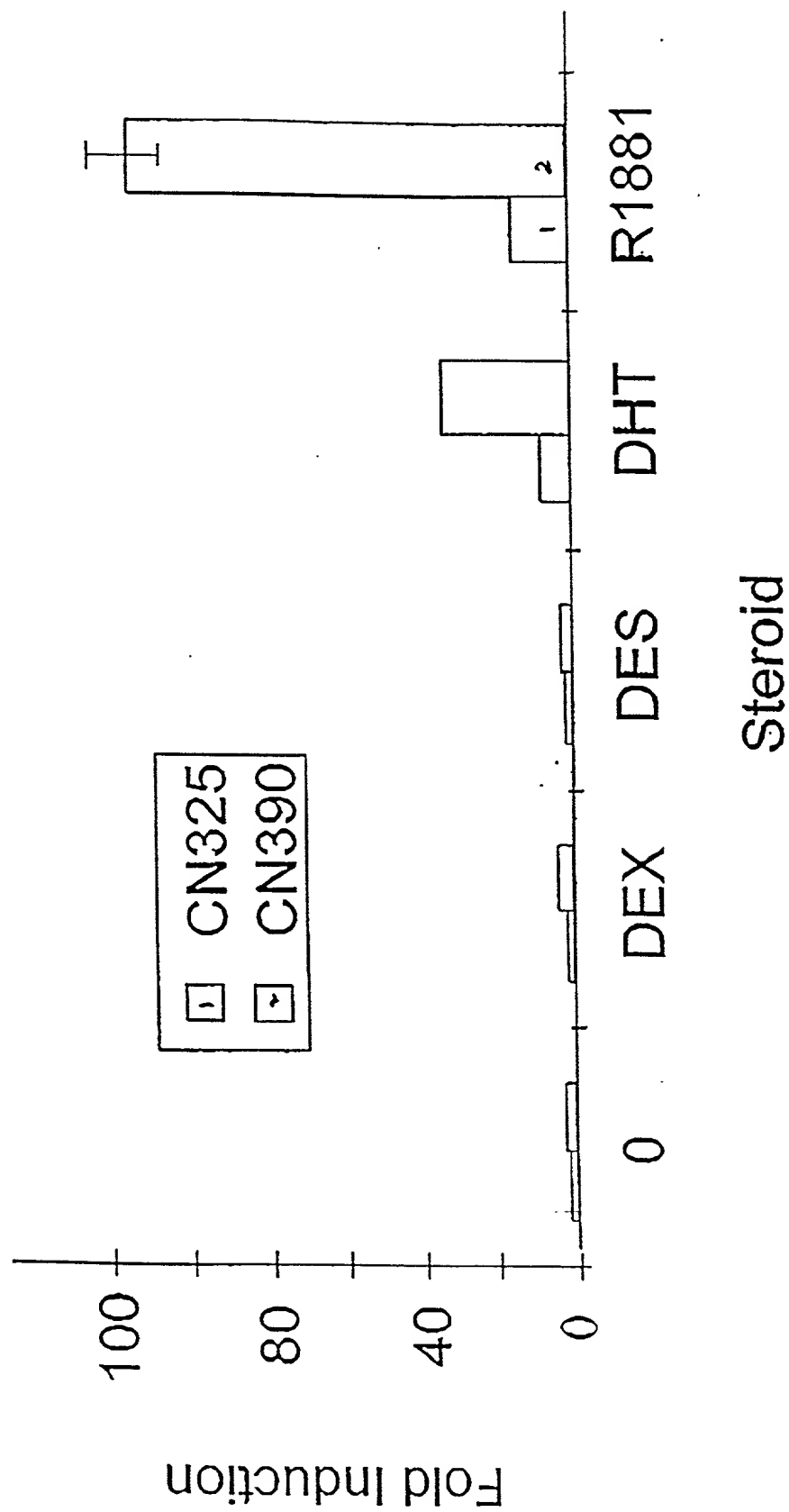


FIGURE 14

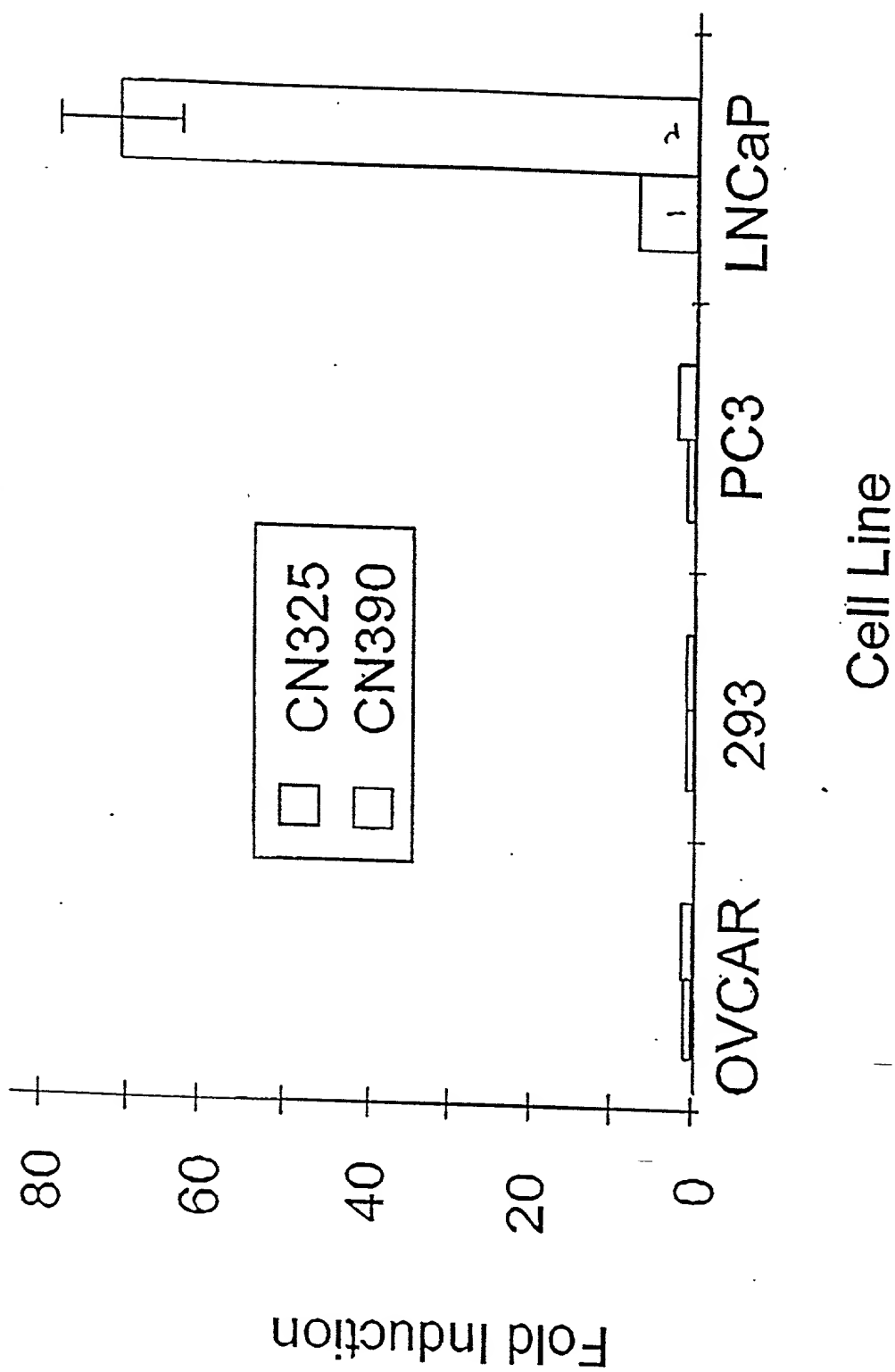


FIGURE 15

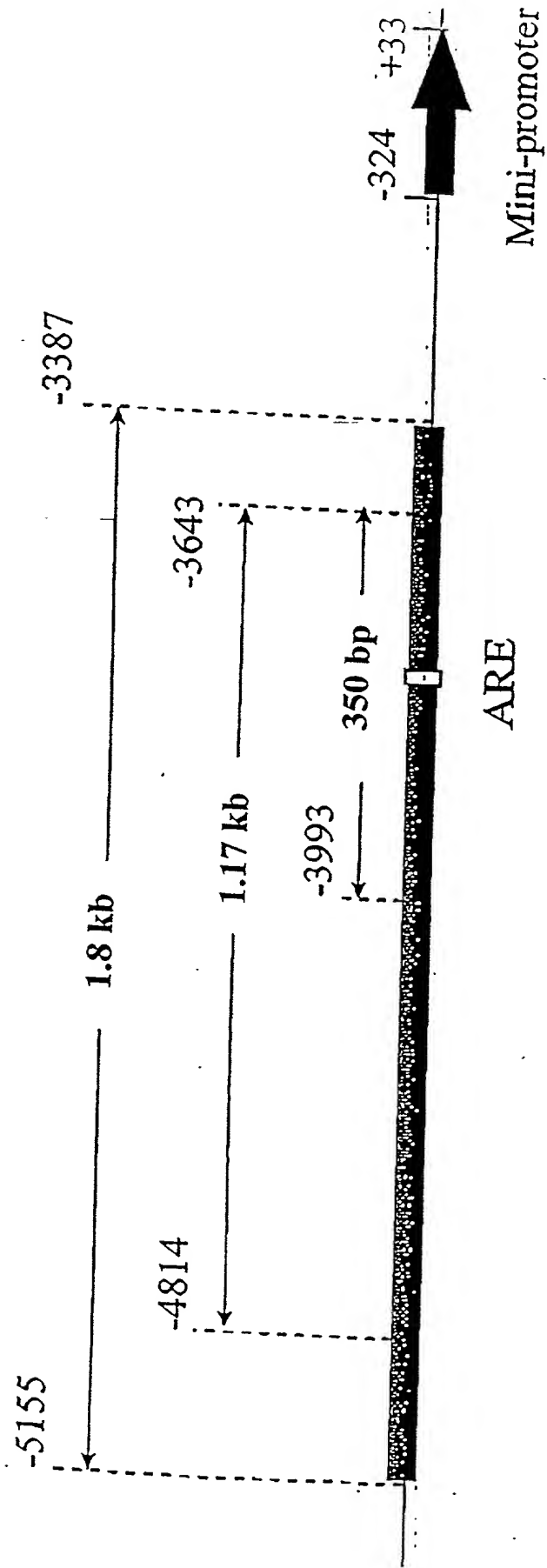


FIGURE 16

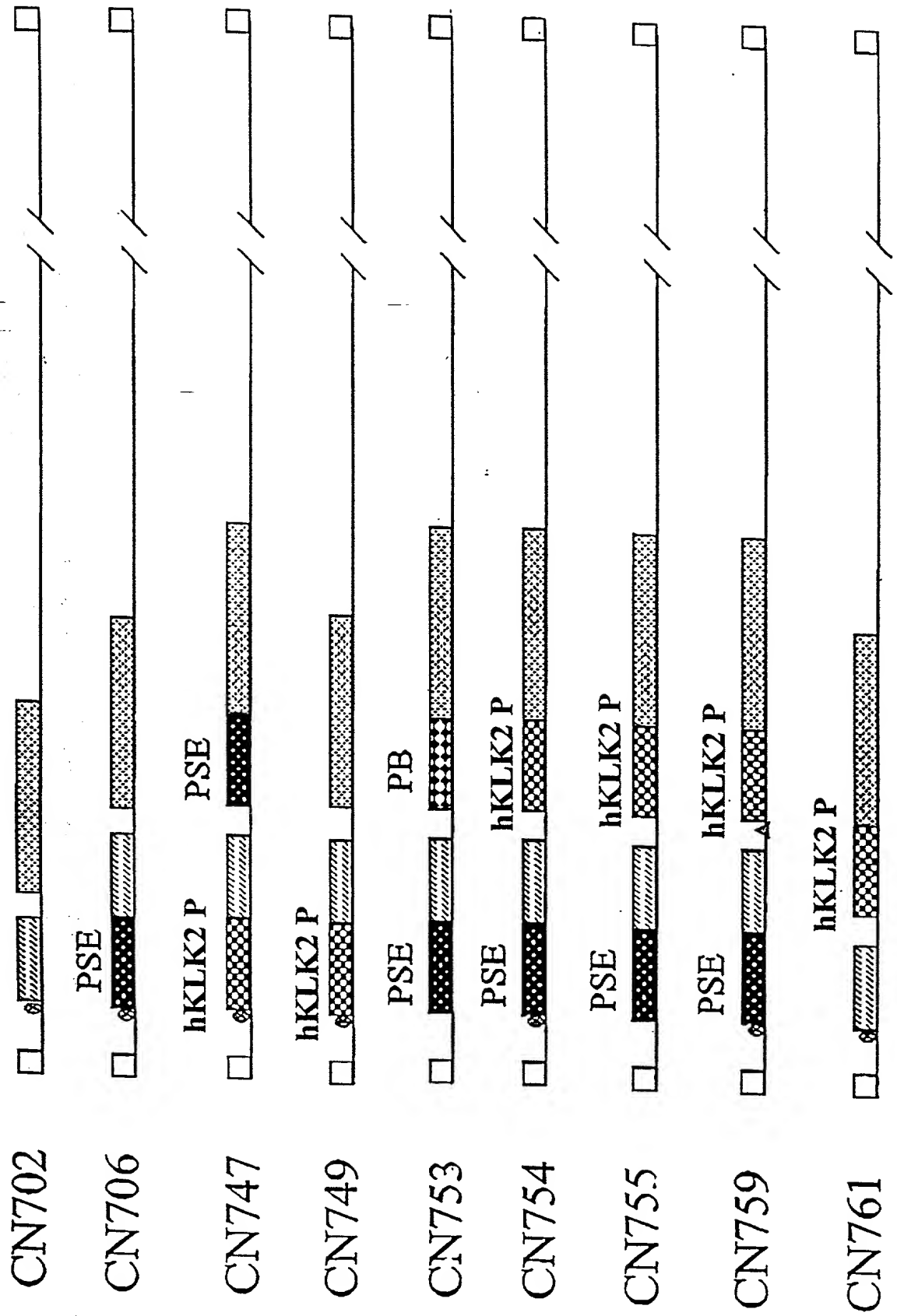


FIGURE 17A

hKLK2 T09090-225460

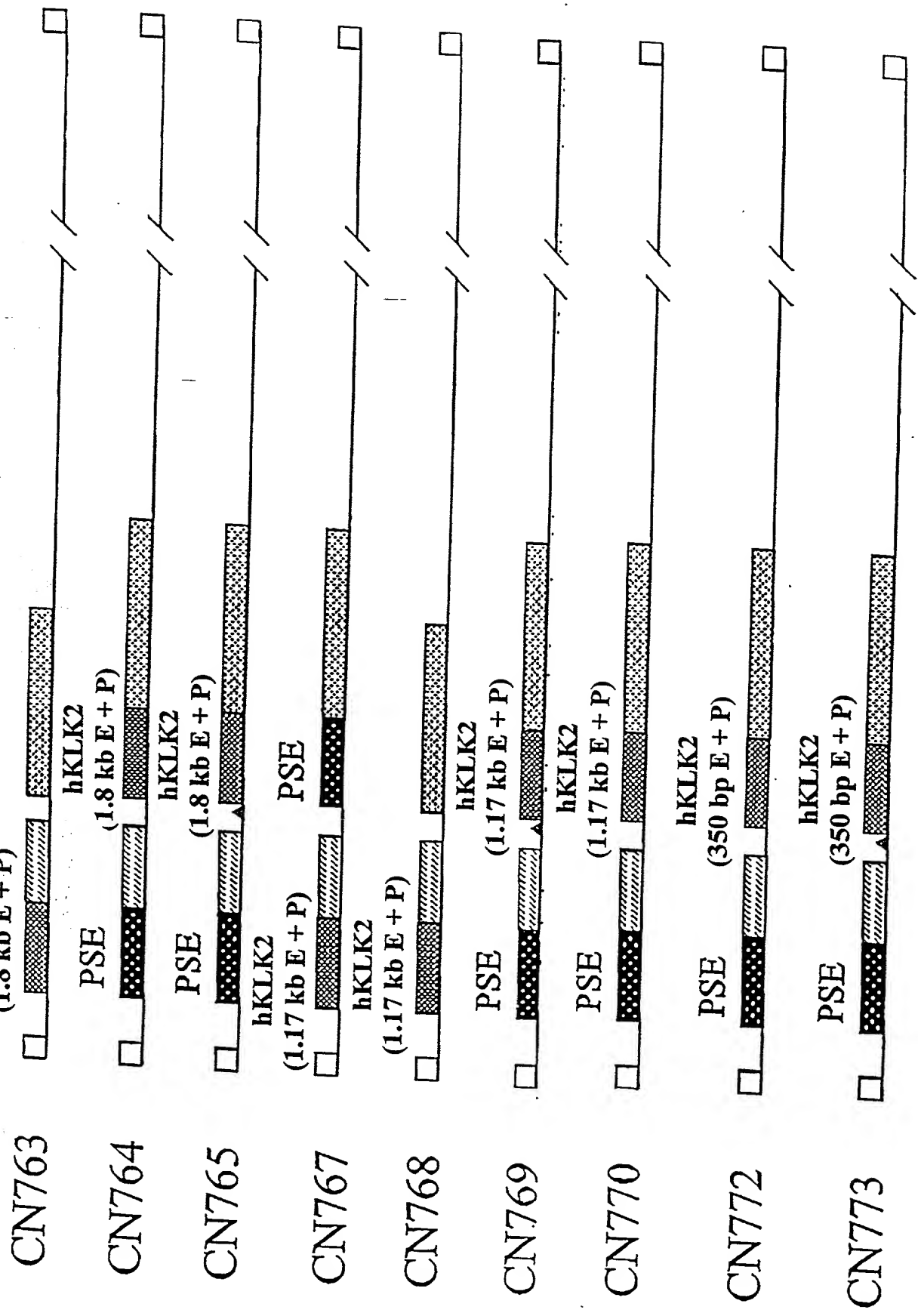


FIGURE 17B

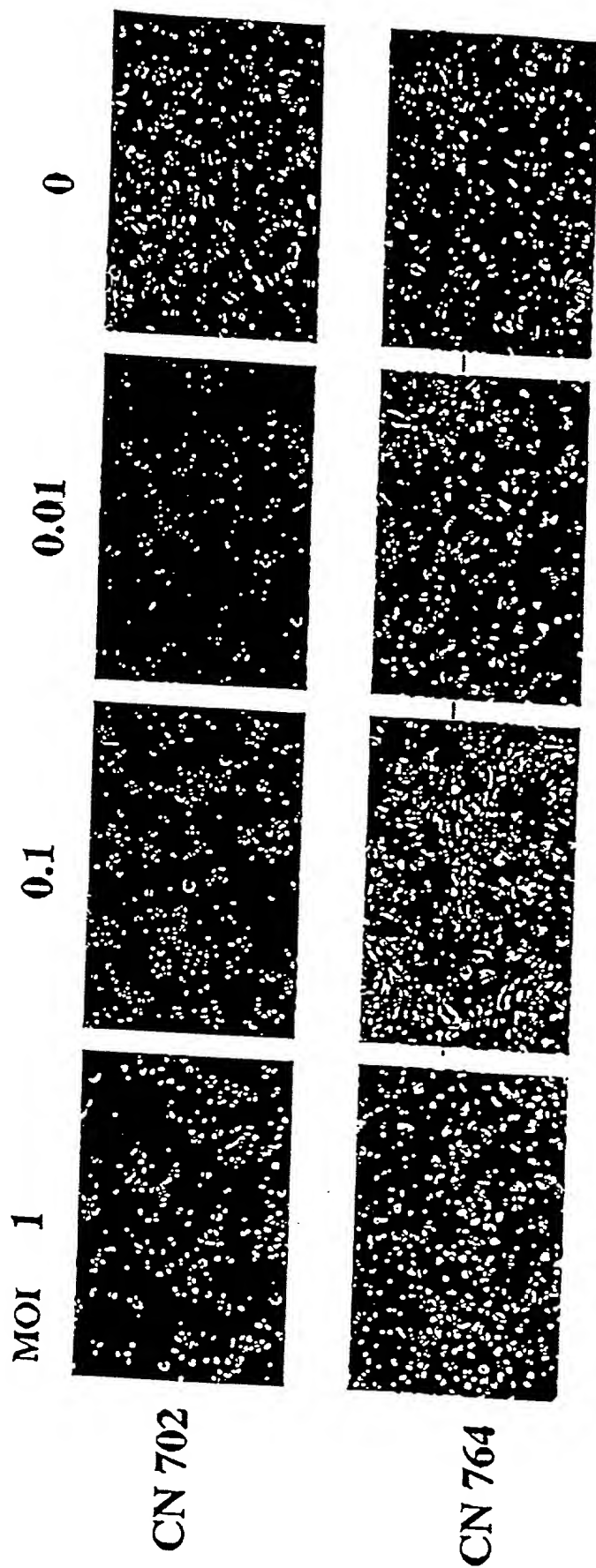


FIGURE 18

103050-0225/860

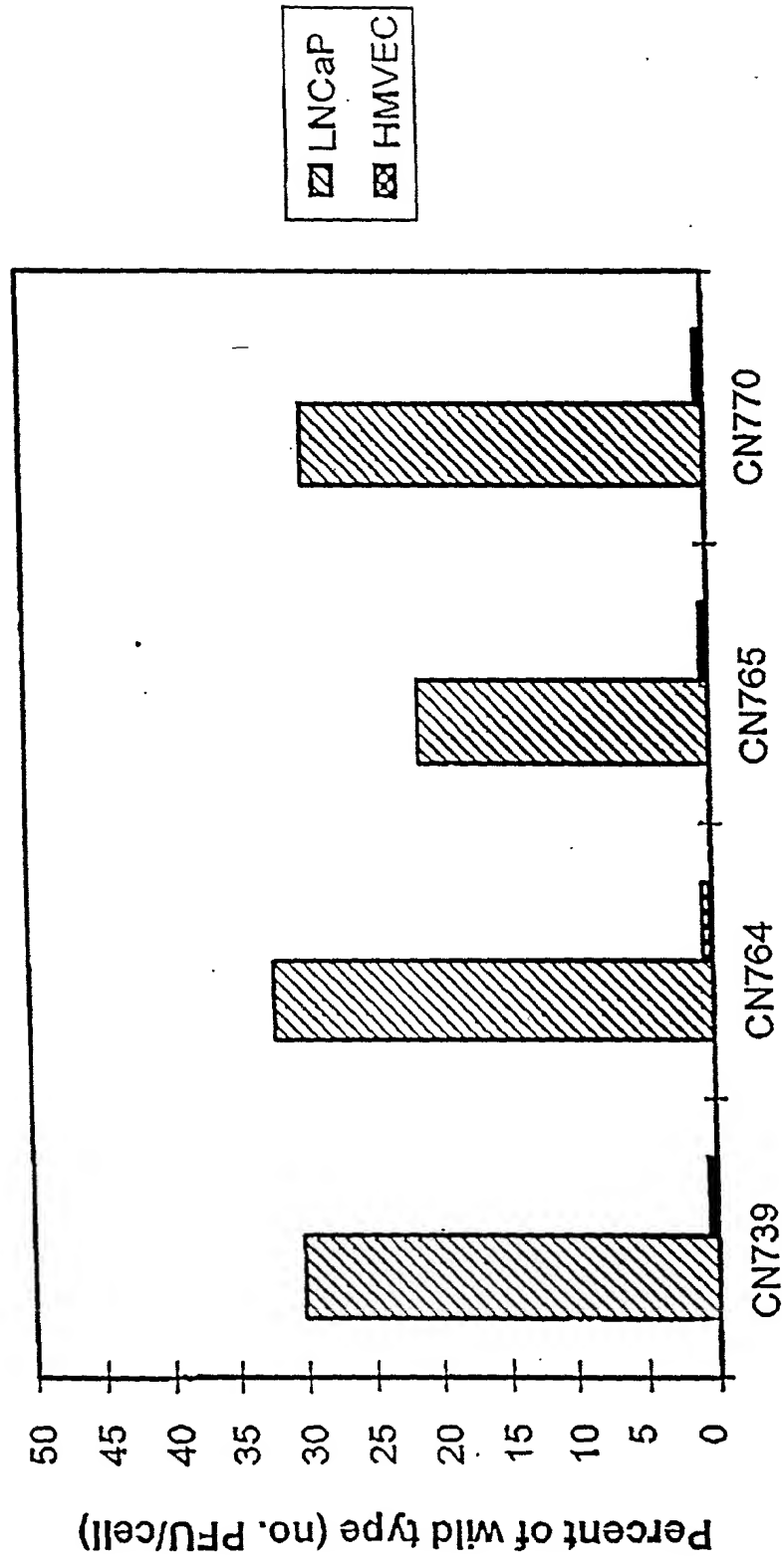


FIGURE 19

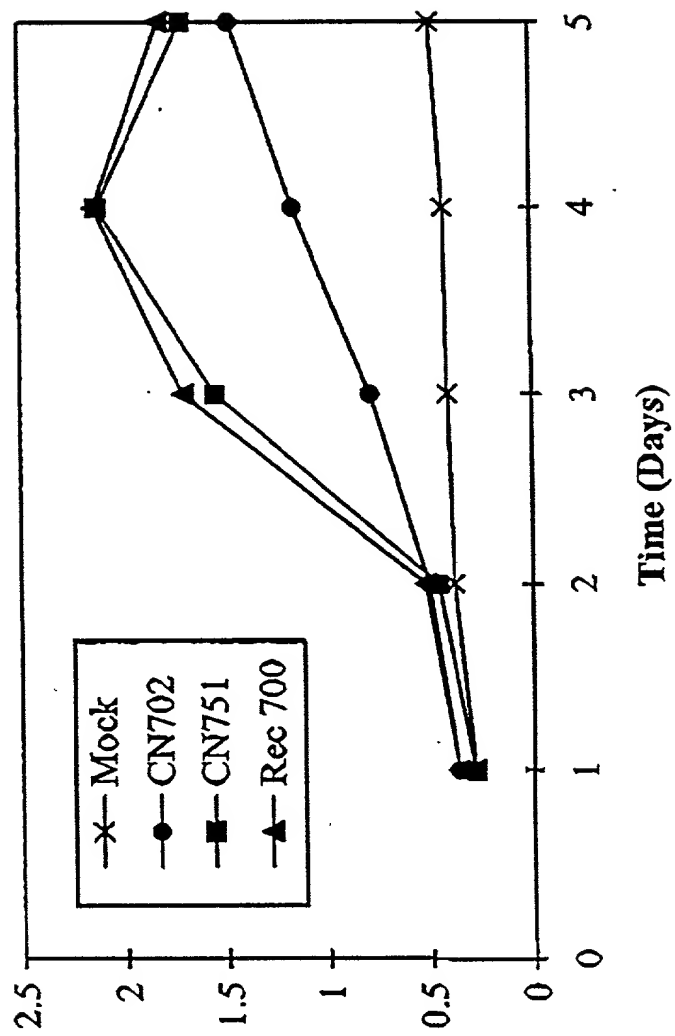


FIGURE 20



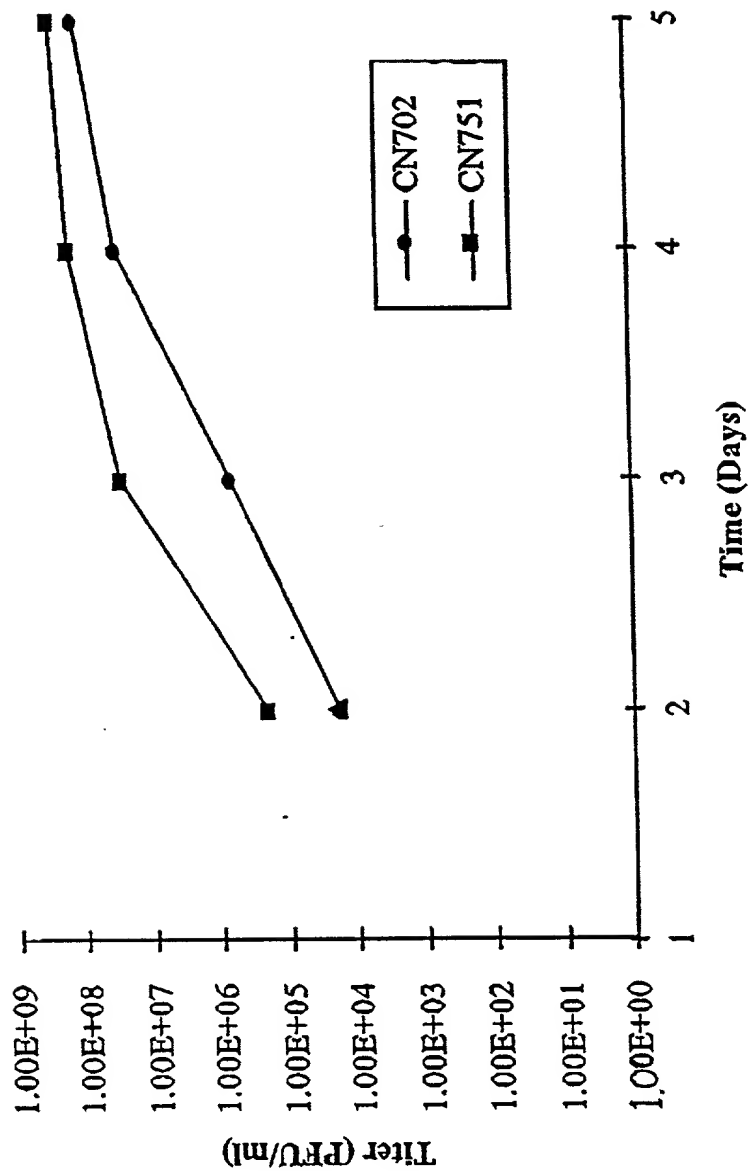


FIGURE 21

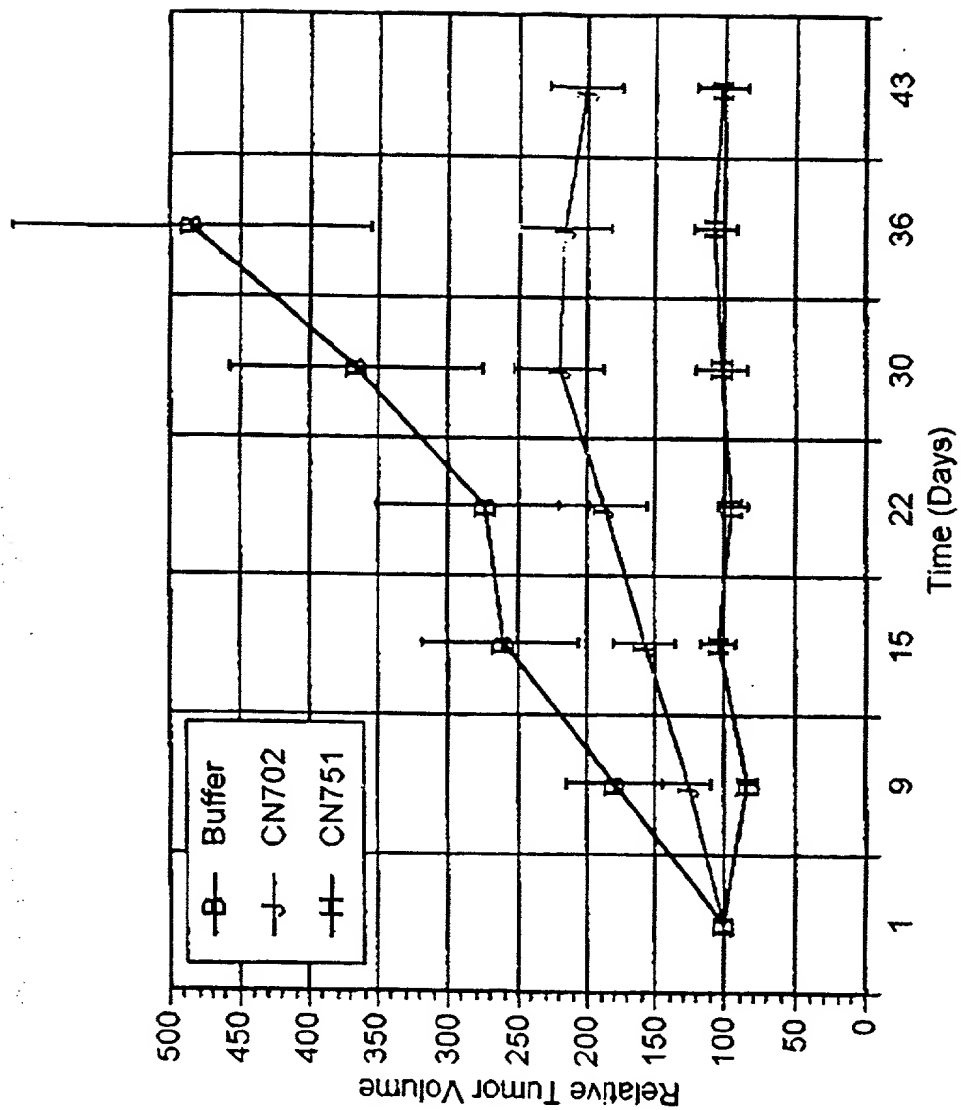
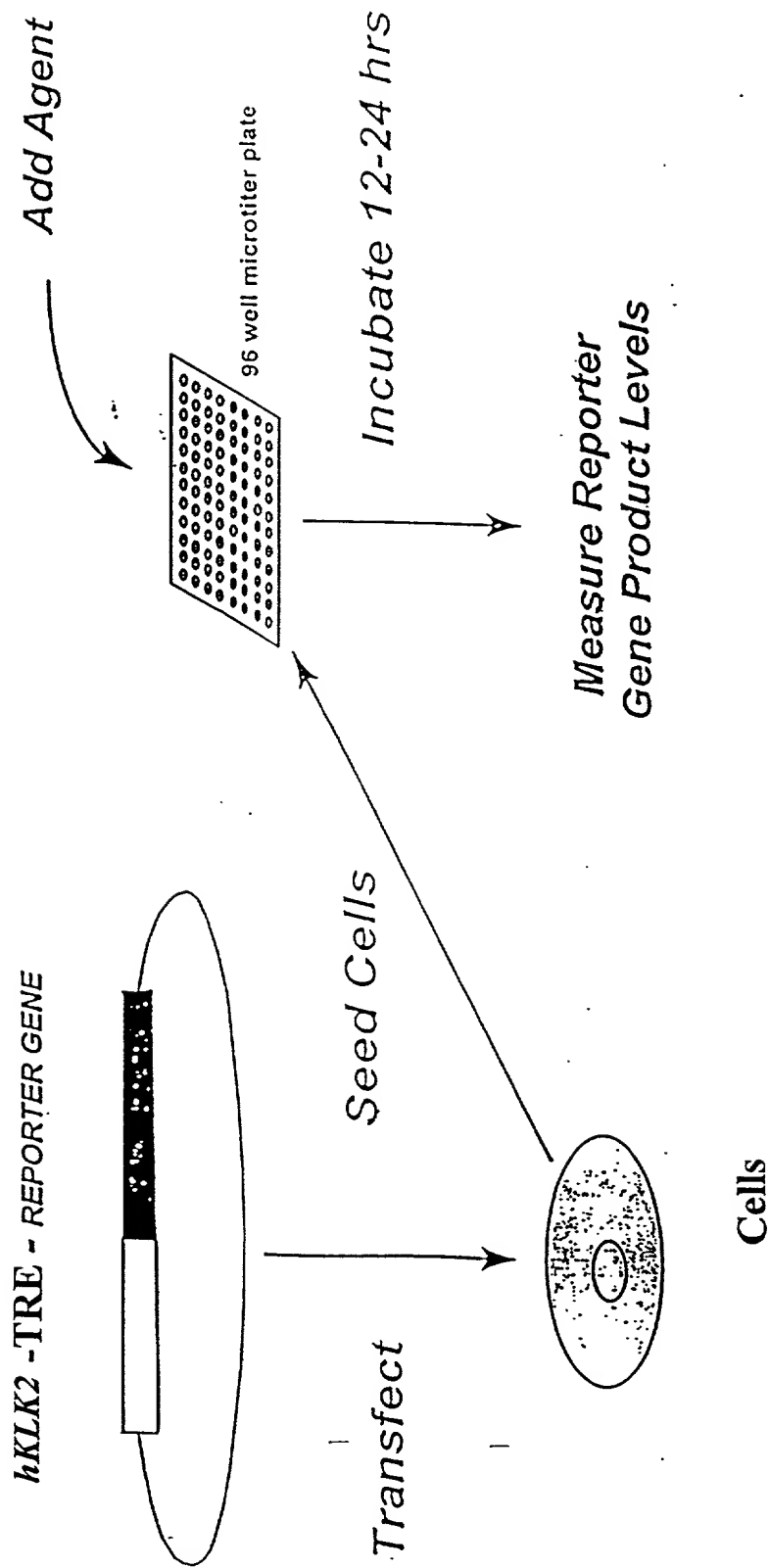


FIGURE 22



**FIGURE 23A**



Cells

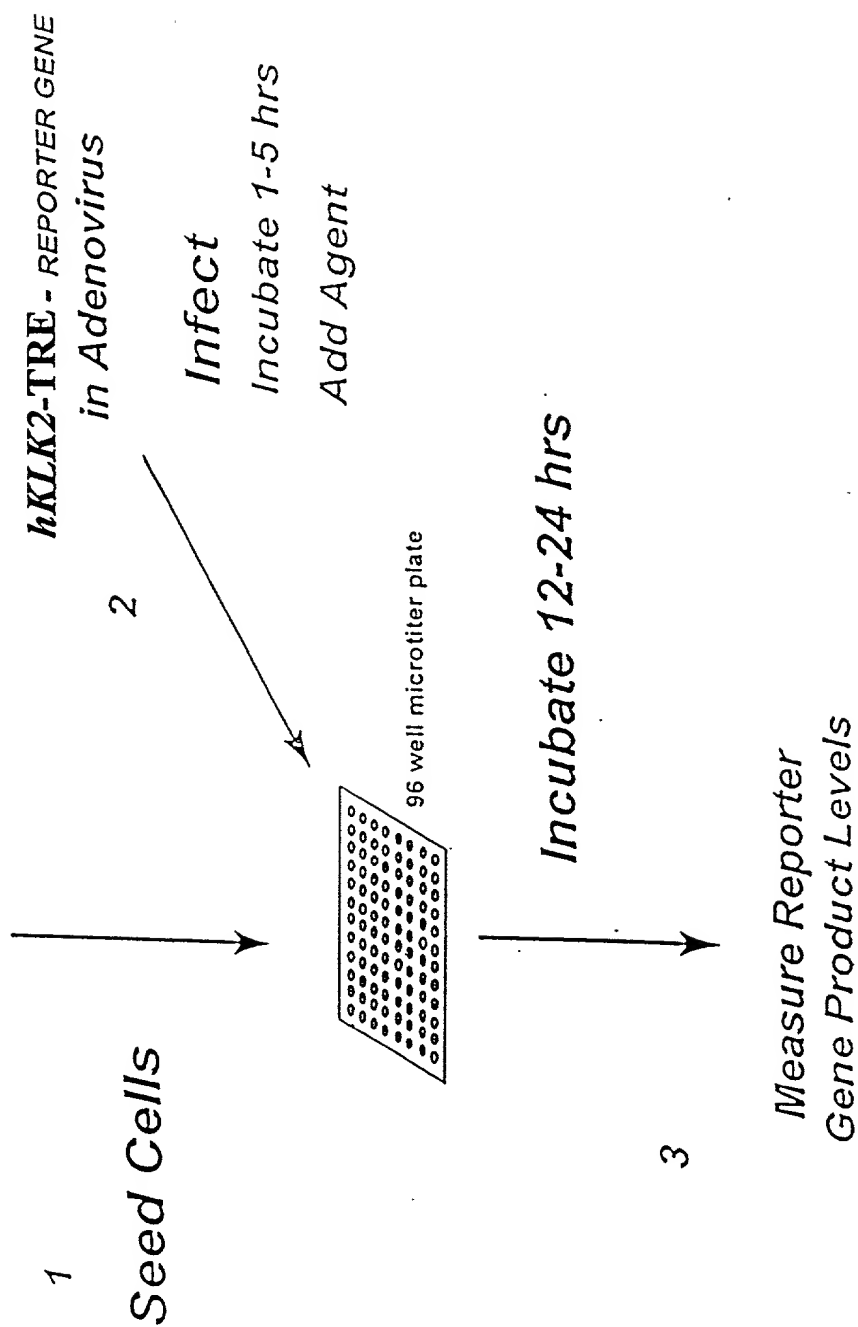


FIGURE 23B

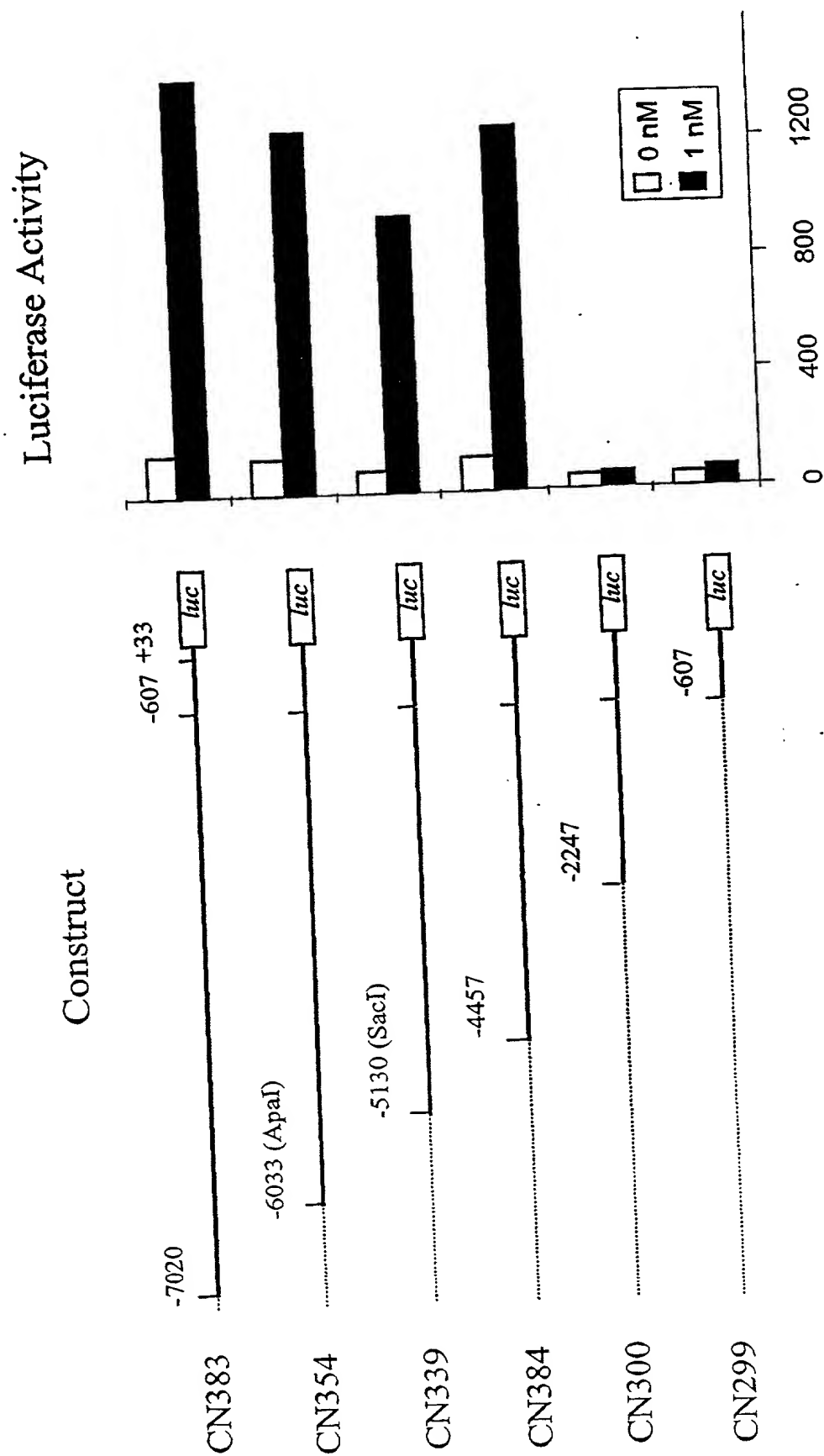


FIGURE 24A

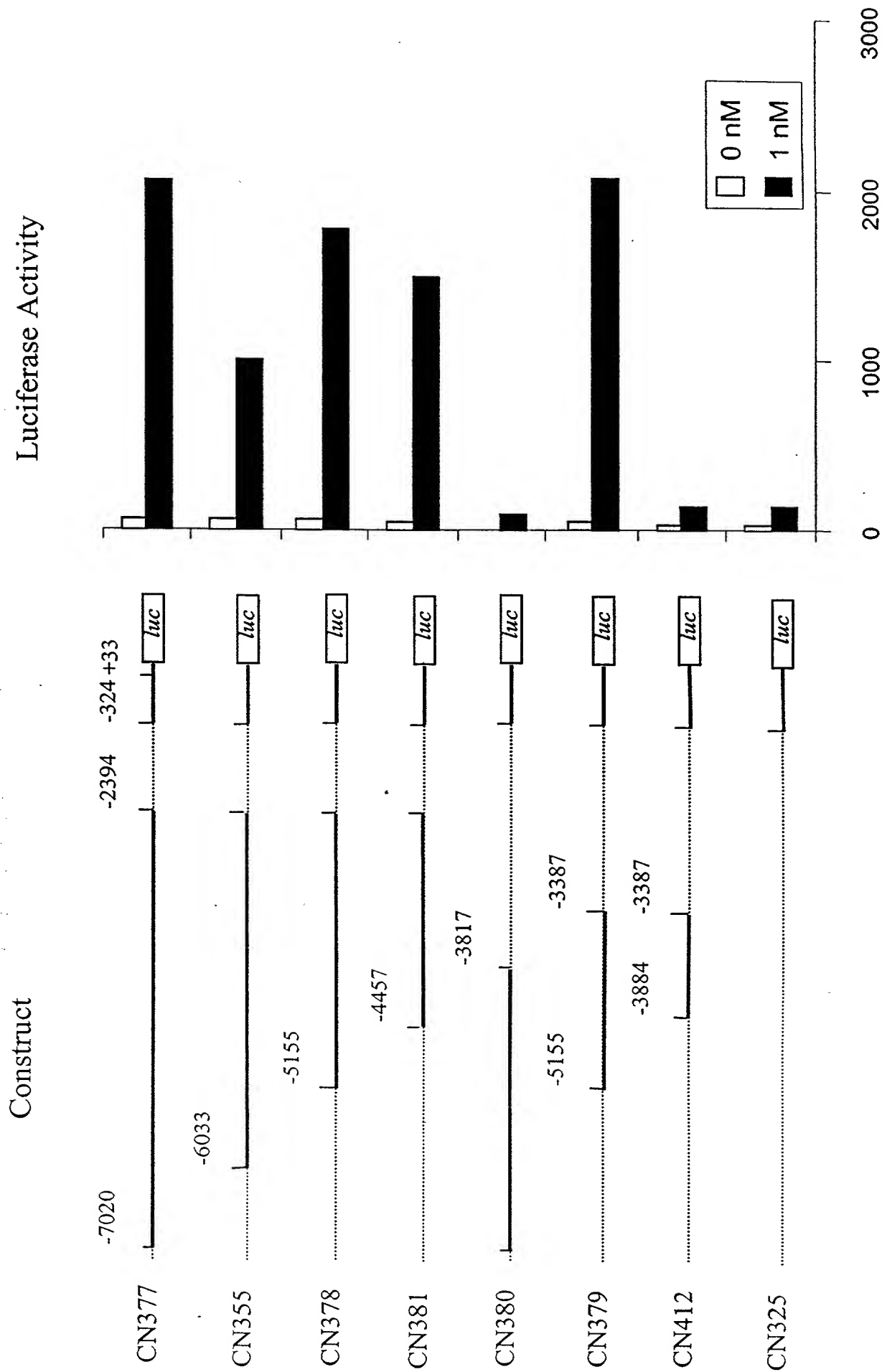


FIGURE 24B

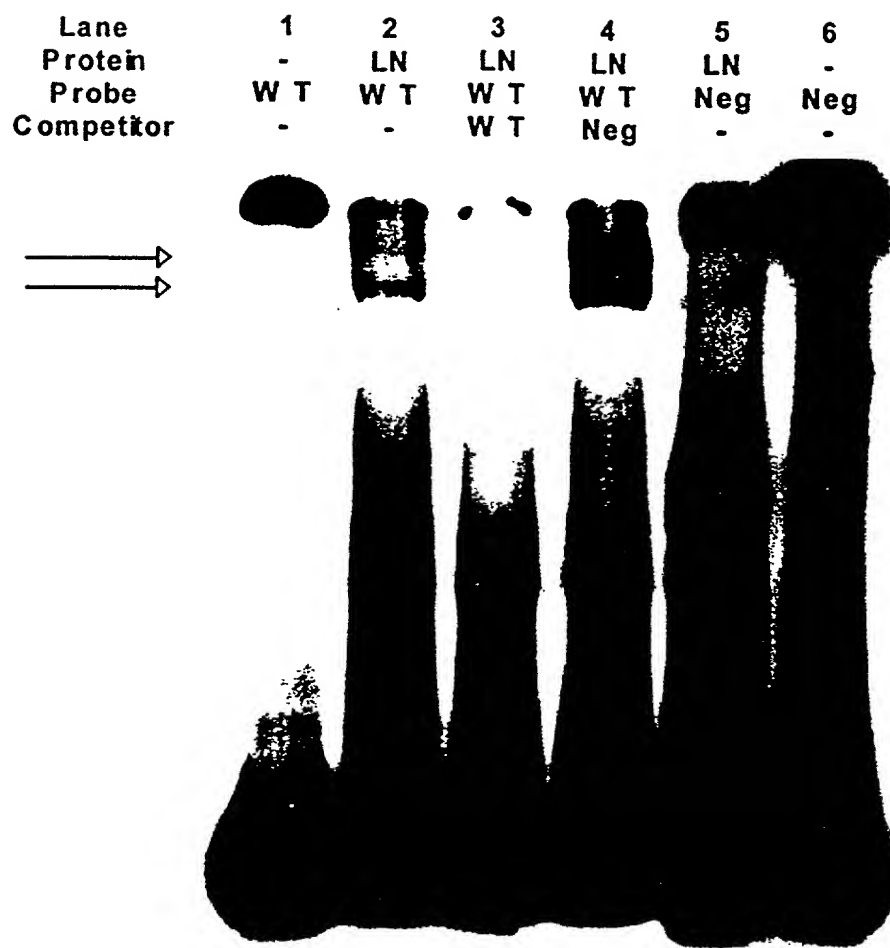


FIGURE 25A

Lane	1	2	3	4	5
Protein	-	LN	LN	He	He
Competitor	-	-	+	-	+

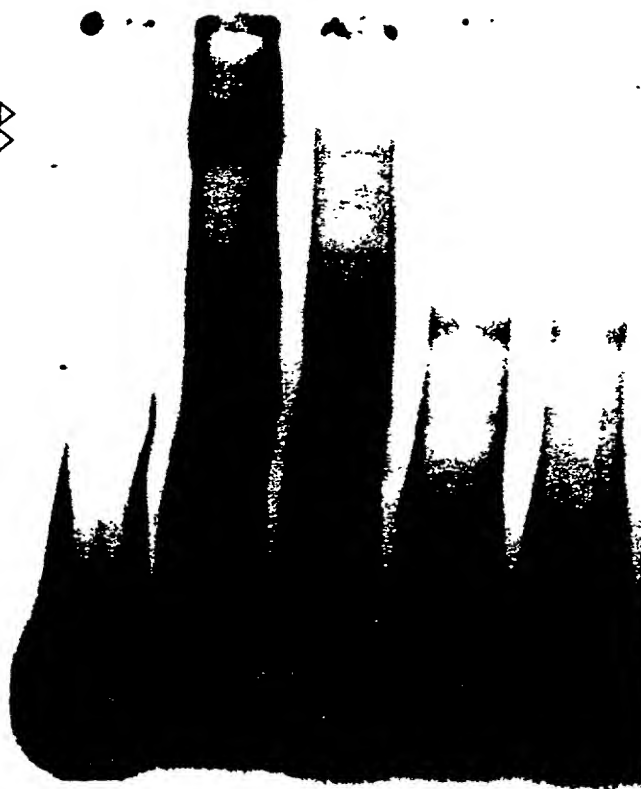
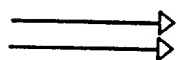
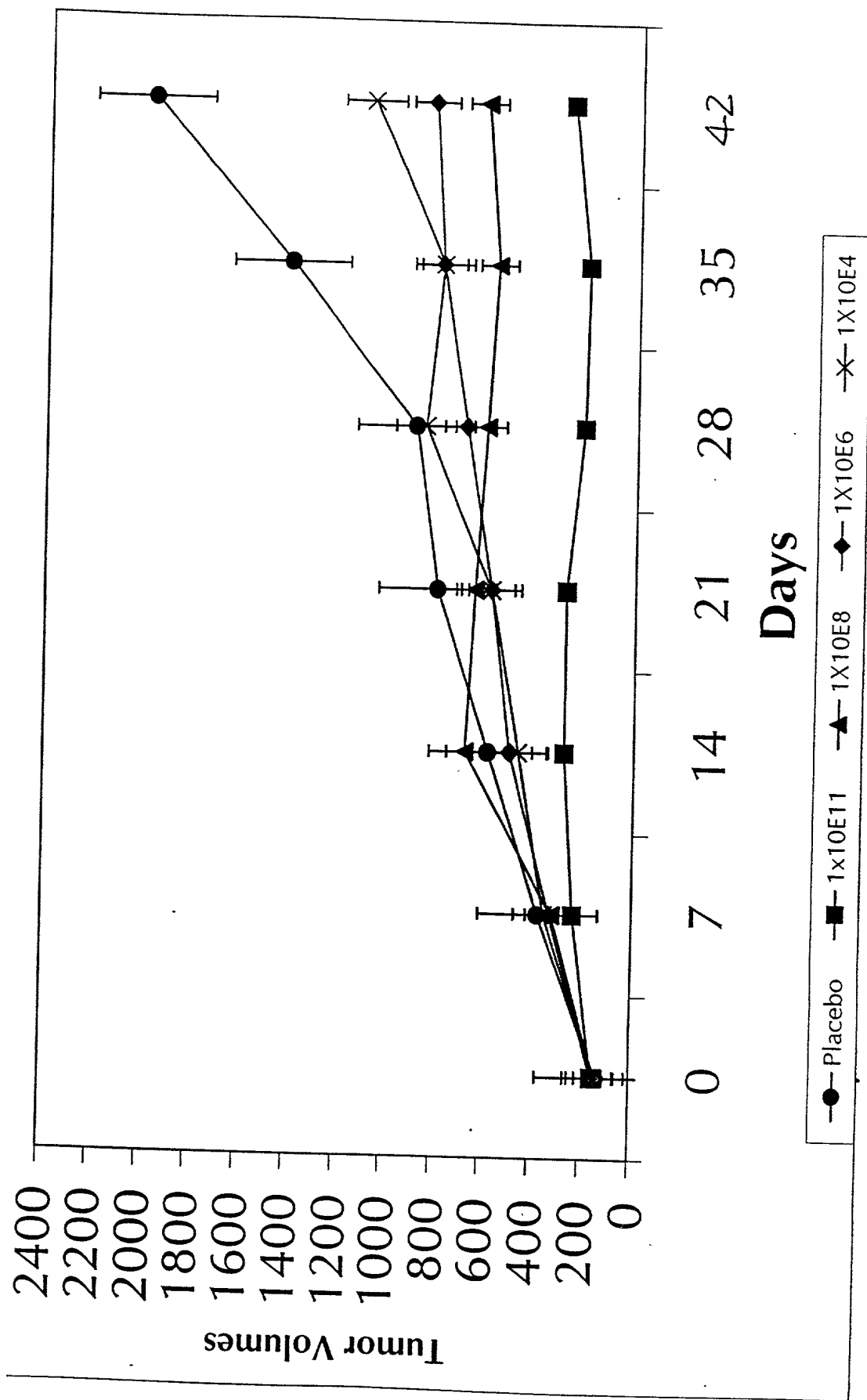


FIGURE 25B





**FIGURE 26**